

CLAIMS:

1. Drive (2) for use in a computer (1) or a reproduction device for accessing a record carrier comprising:
 - an output means (21) for outputting a new media inserted message indicating that a new record carrier has been inserted in response to a new media inserted trigger event irrespective
 - 5 of the physical insertion of a new record carrier and for outputting file system data in response to a read request,
 - a trigger registration means (23) for checking the occurrence of said new media inserted trigger event,
 - an input means (21) for receiving, in response to the output of said new media inserted
 - 10 message, said read request for reading and returning said file system data, and
 - a carrier access means (20) for reading data from and/or recording data to a record carrier.
2. Drive as claimed in claim 1, wherein said trigger registration means (23) is
- 15 operative for checking if a particular type of record carrier or a particular record carrier has been inserted into the drive (2).
3. Drive as claimed in claim 2, wherein said carrier access means (20) is
- operative for reading data from a predetermined location from said record carrier.
- 20 4. Drive as claimed in claim 1, wherein said trigger registration means (23) is operative for checking if predetermined time duration has been elapsed or if a predetermined point in time has been reached.
5. Drive as claimed in claim 1, wherein said trigger registration means (23) is
- 25 operative for checking the occurrence of an eject command.
6. Drive as claimed in claim 1, comprising a local processor circuit arranged to execute a firmware program in response to a drive command, wherein said trigger

registration means (23) is operative to respond to detection of an error during execution of the firmware program.

7. Drive as claimed in claim 1, comprising a local processor circuit arranged to
5 execute firmware programs in response to respective drive commands, wherein said trigger registration means (23) is operative to respond to detection of a drive command for which no substantial firmware program is available.

8. Drive as claimed in claim 1, wherein the output means are arranged to
10 simulate a file structure containing an autorun file, the autorun file containing one or more commands for downloading a firmware update for the drive via the Internet.

9. Drive as claimed in claim 8, wherein the drive contains a non-volatile
15 firmware memory, the one or more commands being arranged to cause the update to be loaded into the firmware memory.

10. Drive as claimed in claim 8, wherein the drive contains a volatile firmware
memory, and a local processor circuit arranged to load firmware from a memory device in a
computer system that contains the drive into the firmware memory, the one or more
20 commands being arranged to load the firmware update into the memory device in the PC.

11. Drive as claimed in claim 1, wherein the drive contains a volatile firmware
memory, the output means being arranged to simulate a file structure containing an autorun
file, the autorun file containing one or more commands for causing a computer system that
25 contains the drive to download a firmware from a memory device in the system into the firmware memory.

12. Drive as claimed in claim 1, further comprising a user interface (24), in
particular a user button, for inputting a trigger command, in particular by pushing said user
30 button, and wherein said trigger registration means (23) is operative for checking the occurrence of said trigger command.

13. Drive as claimed in claim 1, further comprising a memory means (22) for storing said file system data and wherein said output means (21) is operative for outputting said file system data stored in said memory means (22) in response to said read request.

5 14. Drive as claimed in claim 13, wherein said file system data including a link to a data file, in particular to an auto-run file or an application file, said data file being stored in said memory means (22).

15. Device, in particular computer or reproduction device, having
10 - an operating system (3) for operating the device (1), for running applications and for communicating with a drive (2),
- a drive (2) as claimed in claim 1,
wherein said operating system (3) is operative for outputting said read request for reading and returning said file system data to said drive (2) and for evaluating said file system data
15 outputted by said drive (2) in response to said read request.

16. Method of simulating the insertion of a new record carrier into a drive of a computer or a reproduction device comprising the steps of:
- checking the occurrence of a new media inserted trigger event,
20 - outputting a new media inserted message indicating that a new record carrier has been inserted in response to said new media inserted trigger event irrespective of the physical insertion of a new record carrier,
- receiving, in response to the output of said new media inserted message, a read request for reading and returning file system data, and
25 - outputting said file system data in response to said read request.

17. Computer program comprising program code means for causing a computer to carry out the steps of the method as claimed in claim 16 when said computer program is run on a computer.